

Listing of Claims

- 1) (Canceled)
- 2) (Previously Amended) The structural composite sandwich of claim 19 wherein said micro multi-void core comprises a member selected from the group consisting of polymers and metals.
- 3) (Original) The structural composite sandwich of claim 2 wherein said micro multi-void core is fabricated from aluminum, copper or alloys of aluminum or copper.
- 4) (Withdrawn)
- 5) (Original) The structural composite sandwich of claim 2 wherein said micro multi-void core comprises an extrusion.
- 6) (Original) The structural composite sandwich of claim 2 wherein said layers of composite stiffening material comprise a member selected from the group consisting of metal matrix and polymer matrix composites.
- 7) (Original) The structural composite sandwich of claim 6 wherein said layers of composite stiffening material comprises a metal matrix composite.

- 8) (Original) The structural composite sandwich of claim 2 wherein said core comprises an aluminum or aluminum alloy extrusion, and said layers of composite stiffening material comprise an aluminum metal matrix composite.
- 9) (Original) The structural composite sandwich of claim 8 wherein said aluminum metal matrix composite includes continuous ceramic fibers or ceramic particles.
- 10) (Currently Amended) The structural composite sandwich of claim 19 wherein said micro multi-void core comprises a micro[[,]] multi-void ranging in width from a few millimeters up to several inches.
- 11) (Original) The structural composite sandwich of claim 10 wherein said micro multi-void core comprises a member selected form the group consisting of polymers and metals.
- 12) (Original) The structural composite sandwich of claim 11 wherein said micro multi-void core is fabricated from aluminum, copper or alloys of aluminum or copper.
- 13) (Withdrawn)

- 14) (Original) The structural composite sandwich of claim 11 wherein said micro multi-void core comprises an extrusion.**
- 15) (Original) The structural composite sandwich of claim 11 wherein said layers of composite stiffening material comprise a member selected from the group consisting of metal matrix and polymer matrix composites.**
- 16) (Original) The structural composite sandwich of claim 15 wherein said layers of composite stiffening material comprises a metal matrix composite.**
- 17) (Original) The structural composite sandwich of claim 11 wherein said core comprises an aluminum or aluminum alloy extrusion, and said layers of composite stiffening material comprise an aluminum metal matrix composite.**
- 18) (Original) The structural composite sandwich of claim 17 wherein said aluminum metal matrix composite includes continuous ceramic fibers or ceramic particles.**
- 19) (Previously Amended) A structural composite sandwich comprising:**

- C) a micro multi-void core having two planar surfaces and including a plurality of continuous, parallel, longitudinal channels; and**
- D) at least one layer of a composite stiffening material attached to each of said two planar surfaces.**

20) (Original) The structural composite sandwich of claim 19 wherein said micro multi-void is fabricated from a metal and said at least one layer of a composite stiffening material comprises a metal matrix composite.

21) (New) A structural composite sandwich comprising:

- E) an extruded integral multi-void core having two opposing planar surfaces and between said opposing planar surfaces a plurality of longitudinal, continuous, parallel channels or voids defined by ribs extending between said opposing planar surfaces; and**
- F) at least one layer of a composite stiffening material attached to each of said two planar surfaces.**

22) (New) The structural composite sandwich of claim 21 wherein said micro multi-void is fabricated from a metal and said at least one layer of a composite stiffening material comprises a metal matrix composite.